Learning Comes Easy with Bright and Efficient Dustproof Projection

Dust-resistant for lasting brightness!
Endurance is the defining quality of our PT-FZ570 Series projector. Engineered to extend picture-perfect performance, it features a new dustproof optical drive, long-life lamp, and improved filtering technology to maintain brightness and cut operating costs. Dependable without compromise, students benefit from compelling imaging performance while administrators save money every year: a win-win solution from Panasonic, the world leader in education projection.

Get Better Results and Better Economy with Panasonic
Compact Design Delivers Up to 5,000 lm
PT-FX500 features 5,000 lm and PT-FZ570/FW530 4,500 lm of brightness to produce bright and clear images even with the lights on. Documents with text and graphics are easy to read, while still images and video are reproduced with colorful vibrancy.

Dynamic Contrast of 10,000:1 with Iris
High dynamic contrast of 10,000:1 is enabled by an iris mechanism, so that white appears white and black appears black (not dark gray) with minimal loss in detail. The result is clear and comfortable viewing.

Image Optimization for Bright Ambient Light
Panasonic’s original Daylight View Basic uses a built-in sensor to measure ambient light and calibrate image projection to suit, optimizing brightness and halftone color and sharpening details for easy-to-see pictures in well-lit rooms.

DICOM Simulation Mode*2 for Medical Presentations
This imaging mode is similar to the DICOM Part 14 medical imaging standard. It lends a film-like quality to X-ray images, making the PT-FZ570 Series ideal for training presentations related to medicine.

WUXGA Resolution*1 Capability
With up to WUXGA*1 (1920 x 1200) resolution, the PT-FZ570 Series is capable of displaying Full HD video. The extra detail and depth engages viewers for a more compelling presentation.

*1 PT-FZ570 features WUXGA, PT-FW530 WXGA, and PT-FX500 XGA native resolution. *2 This product is not a medical instrument. Do not use for actual medical diagnosis.
Low Total Cost of Ownership

Long Lamp Replacement Cycle
PT-FZ570 Series projectors extend lamp replacement to 8,000 hours (with lamp power set to Eco) or 6,000 hours (lamp power set to Normal), significantly reducing operating costs, labor, and environmental impact.

Dustproof Cabinet with Dual-Layer Eco Filter
If dust gets inside the projector’s optical unit, brightness suffers. The PT-FZ570 Series protects against dust intrusion with a one-way airflow path and improved sealing for the lens block, air intake duct, and dual-layer Eco Filter. This pleated, dual-layer electrostatic filter captures the tiniest dust particles and requires no maintenance for 16,000 hours#. It also can be washed and reused#. These dustproof projectors are specifically designed to maintain brightness for longer in high-traffic environments while reducing the cost of servicing.

ECO Management Slashes Power Consumption
A variety of Eco Management functions are accessible via a button on the remote controller. These include brightness optimization for ambient light conditions and lamp power reduction when no input signal is detected.

Easy-Access Lamp and Filter
To reduce hassle, the filter can be replaced via the side and the lamp from the top of the projector. There’s no need to remove the unit from its ceiling mount for periodic maintenance.

Quiet Operation in ECO Mode
The quiet design reduces operating noise to just 29 dB†, with the sound of the cooling fan hardly noticeable. This helps to keep the audience focused on the presentation.

Easy Setup and System Integration
Wide-Range 1.8x Zoom and Lens Shift
The inclusion of a versatile 1.8x zoom and joystick-operated wide-range lens shift grants flexibility for installation in different rooms and for projection on different screen sizes. To produce a 100-inch-diagonal wide-screen image, projection distance extends from approximately 2.6 m (8.5 ft) to approximately 4.9 m (16.1 ft)†.

Screen Adjustment for Specially Shaped Screens
Horizontal, vertical, and corner keystone correction adjusts the image shape for clear visibility when projecting off-axis or from an unusual angle. Curved Screen Correction allows for the projection of natural, distortion-free images onto curved or cylindrical surfaces.

Screen Adjustment for Specially Shaped Screens
Horizontal, vertical, and corner keystone correction adjusts the image shape for clear visibility when projecting off-axis or from an unusual angle. Curved Screen Correction allows for the projection of natural, distortion-free images onto curved or cylindrical surfaces.
Installation Simplified with DIGITAL LINK

DIGITAL LINK supports transmission of Full HD video, audio, and control signals through a single CAT 5e or higher STP cable for distances of up to 150 m (492 ft)*7. An optional DIGITAL LINK Switcher or Digital Interface Box allows source devices to be connected and signals routed through a single cable, saving on installation costs and simplifying daily operation.

DIGITAL LINK Connection Example

DIGITAL LINK is based on the HDBaseT™ communication standard developed by the HDBaseT Alliance with unique Panasonic functions added. This means peripheral HDBaseT™-compatible devices manufactured by other brands can be connected together with Panasonic products such as the ET-YFB200G for easy system control over the network.

For more information about DIGITAL LINK, please visit: panasonic.net/prodisplays/solutions/technology/digital_link/

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*3 Period varies depending on usage environment. *4 Follow user manual procedures when servicing filter. Replacement recommended after washing and reusing filter twice. If not sufficiently clean after washing, replacement is advised. *5 33 dB with lamp power set to Normal. *6 For PT-FZ570/FW530 in 16:10 aspect ratio. *7 150 m (492 ft) transmission available in Long Reach Mode with optional ET-YFB200G DIGITAL LINK Switcher only. Signal resolution is limited to 1080/60p (dot-clock frequency 148.5 MHz) and below.
Lens-Centered Design
A symmetrical lens-centered design reduces installation complexity and makes these projectors easier to adapt to a wider range of installation sites.

Project Wirelessly with Optional Module
The optional ET-WML100 wireless USB module enables projection of a variety of media via Windows® PCs, iOS devices, or Android™ devices loaded with an appropriate app. Whether projecting from desk or ceiling, there’s no need for cables—and it’s also possible to display content from more than one device at a time in Multi-Live Mode.

additional Features
- Power-saving Eco Standby Mode draws just 0.5 W*
- Direct Power Off enables safe projector shutdown via breaker switch
- Anti-theft measures include security bar, password protection, and personalized startup logo
- Supports free Multi Monitoring & Control Software
- 10 W speaker
- Closed Captioning (NTSC, 480i YCbCr)
- Schedule Function

Related Products

Higher brightness makes the PT-EZ590 Series suitable for larger classrooms and meeting rooms with appropriate features such as powered lens shift and optional lenses.

PT-FZ570 Series
Integrates into Existing AV Infrastructure
With support for PJLink™ Class 1, Crestron Connected, AMX, and RS-232C over wired LAN, any legacy unit can be swapped out for a PT-FZ570 Series projector without disrupting existing control and management infrastructure. Emulation via RS-232C allows original settings to be preserved. PT-FZ570 Series supports optional Early Warning Software that notifies the administrator ahead of time when part replacement is required.

* VueMagic™ Pro is a product of Pixelworks, Inc. For more information, please visit vuemagic.pixelworks.com *9 When the Standby Mode is set to Eco, network functions such as Power On via LAN will not operate. Also, only certain commands can be received for external control using the serial terminal.
The value for \( H \) (the height from the edge of the screen to the centre of the lens) is the value when the horizontal optical axis shift function is not used. The value decreases when the horizontal optical axis shift function is used.

1 Use ET-PKD120H Ceiling Mount Bracket (for High Ceiling) and ET-PKD120S Ceiling Mount Bracket (for Low Ceiling) in combination with ET-PKE300B Projector Mount Bracket.

*1 Part number suffix may differ depending on the license type. For more information, please visit: panasonic.net/lav/projector/products/swa100/

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**Optional Accessories**

- Ceiling Mount Bracket (for High Ceiling) ET-PKD120H*1
- Ceiling Mount Bracket (for Low Ceiling) ET-PKD120S*1
- Projector Mount Bracket ET-PKE300B*1
- Replacement Lamp Unit ET-LAEF100
- Replacement Filter Unit ET-RFF200
- Wireless Module ET-WML100
- DIGITAL LINK Switcher ET-YFB200G
- Digital Interface Box ET-YFB100G
- Early Warning Software ET-SWA100 Series*2
- D-sub/S-VIDEO Conversion Cable ET-ADSV

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**Terminals**

![Terminals](image)

**Projection Distance**

Unit: meters (feet)

<table>
<thead>
<tr>
<th>Model</th>
<th>PT-FZ570 / PT-FW530</th>
<th>PT-FX500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projection image size</td>
<td>16:10 aspect ratio</td>
<td>16:9 aspect ratio</td>
</tr>
<tr>
<td>Projection distance [L]</td>
<td>Height from the edge of screen to center of lens [H]*</td>
<td>Projection distance [L]</td>
</tr>
<tr>
<td>Diagonal [inch]</td>
<td>min.</td>
<td>max.</td>
</tr>
<tr>
<td>1.02 (40&quot;)</td>
<td>1.03 [3.88]</td>
<td>1.96 [7.68]</td>
</tr>
<tr>
<td>1.52 (60&quot;)</td>
<td>1.55 [6.09]</td>
<td>2.91 [11.46]</td>
</tr>
</tbody>
</table>

* The value for \( H \) (the height from the edge of the screen to the centre of the lens) is the value when the horizontal optical axis shift function is not used. The value decreases when the horizontal optical axis shift function is used.

Note: The value for \( L \) (distance to screen) varies slightly depending on the zoom lens characteristics. At the shortest projection distance, the zoom lens characteristics may cause slight image distortion.
### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PT-FZ70G1</th>
<th>PT-FW350</th>
<th>PT-FW350D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>100–240 V, 50/60 Hz</td>
<td>100–240 V, 50/60 Hz</td>
<td>100–240 V, 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>413 W (0.5 W with Standby Mode set to Eco), 12 W with Standby Mode set to Normal</td>
<td>400 W (0.5 W with Standby Mode set to Eco), 12 W with Standby Mode set to Normal</td>
<td>400 W (0.5 W with Standby Mode set to Eco), 12 W with Standby Mode set to Normal</td>
</tr>
<tr>
<td>LCD panel</td>
<td>10.3 mm (0.43&quot;) diagonal, 1280 x 1024 pixels</td>
<td>10.3 mm (0.43&quot;) diagonal, 1280 x 1024 pixels</td>
<td>10.3 mm (0.43&quot;) diagonal, 1280 x 1024 pixels</td>
</tr>
<tr>
<td>Display method</td>
<td>Active matrix</td>
<td>Active matrix</td>
<td>Active matrix</td>
</tr>
<tr>
<td>Pixels</td>
<td>1,080,000 (1920 x 1080 x 3), total of 6,527,000 pixels</td>
<td>1,080,000 (1920 x 1080 x 3), total of 6,527,000 pixels</td>
<td>1,080,000 (1920 x 1080 x 3), total of 6,527,000 pixels</td>
</tr>
<tr>
<td>Lamp</td>
<td>Manual zoom (throw ratio 1.22–2.26:1), manual focus F 1.6–2.2, 1.71 x 31.7 mm</td>
<td>Manual zoom (throw ratio 1.32–2.44:1), manual focus F 1.6–2.2, 1.71 x 31.7 mm</td>
<td>Manual zoom (throw ratio 1.32–2.44:1), manual focus F 1.6–2.2, 1.71 x 31.7 mm</td>
</tr>
<tr>
<td>Lamp life</td>
<td>2,000 hours*</td>
<td>2,000 hours*</td>
<td>2,000 hours*</td>
</tr>
<tr>
<td>Lens shift</td>
<td>1.02–7.62 m (40–300 in), 16:10 aspect ratio</td>
<td>1.02–7.62 m (40–300 in), 16:10 aspect ratio</td>
<td>1.02–7.62 m (40–300 in), 16:10 aspect ratio</td>
</tr>
<tr>
<td>Center-to-center distance</td>
<td>150 (19-11/16) cm (front), 195 (7-7/8&quot;) cm (rear)</td>
<td>150 (19-11/16) cm (front), 195 (7-7/8&quot;) cm (rear)</td>
<td>150 (19-11/16) cm (front), 195 (7-7/8&quot;) cm (rear)</td>
</tr>
<tr>
<td>Resolution</td>
<td>1,080 x 1080 pixels</td>
<td>1,080 x 1080 pixels</td>
<td>1,080 x 1080 pixels</td>
</tr>
<tr>
<td>Scanning frequency</td>
<td>60 Hz (fH: 15 kHz–91 kHz, fV: 24 Hz–100 Hz, dot clock: up to 162 MHz)</td>
<td>60 Hz (fH: 15 kHz–91 kHz, fV: 24 Hz–100 Hz, dot clock: up to 162 MHz)</td>
<td>60 Hz (fH: 15 kHz–91 kHz, fV: 24 Hz–100 Hz, dot clock: up to 162 MHz)</td>
</tr>
<tr>
<td>Terminals</td>
<td>HDMI/DIGITAL LINK, LAN, AUDIO IN, AUDIO OUT, VIDEO IN, DIGITAL LINK/LAN, DIGITAL INPUT, USB-A</td>
<td>HDMI/DIGITAL LINK, LAN, AUDIO IN, AUDIO OUT, VIDEO IN, DIGITAL LINK/LAN, DIGITAL INPUT, USB-A</td>
<td>HDMI/DIGITAL LINK, LAN, AUDIO IN, AUDIO OUT, VIDEO IN, DIGITAL LINK/LAN, DIGITAL INPUT, USB-A</td>
</tr>
<tr>
<td>Weight</td>
<td>Approximately 7.9 kg (17.4 lbs.)</td>
<td>Approximately 7.9 kg (17.4 lbs.)</td>
<td>Approximately 7.9 kg (17.4 lbs.)</td>
</tr>
<tr>
<td>Dimensions (W × H × D)</td>
<td>498 x 145 (19-11/16&quot;) x 398.3 mm</td>
<td>498 x 145 (19-11/16&quot;) x 398.3 mm</td>
<td>498 x 145 (19-11/16&quot;) x 398.3 mm</td>
</tr>
</tbody>
</table>

*1 When Standby Mode is set to Eco, network functions such as power on over LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. *2 This is the maximum value when the lamp is turned on for 2 hours and off for 0.25 hours. Usage environment affects lamp lifespan. *3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *4 Input signals that exceed supported resolution will be converted. *5 Value differs when the correction for both directions is operated. *6 Usage environment affects the durability of the filter. *7 With lens at shortest distance. *8 Average value. May differ depending on models. *9 At altitude below 1,400 m (4,600 ft) above sea level. Operating temperature range is 0 °C to 35 °C (32 °F to 95 °F) when used at altitudes from 0 m (0 ft) to 1,400 m (4,600 ft) above sea level. Also, if the ambient temperature exceeds 35 °C (95 °F) (30 °C [86 °F] at high altitude), lamp power automatically switches to Eco in order to protect the projector. *10 Power cords available (x2) for Europe, the UK and Asia only.

### Dimensions

**unit: mm (inch)**

- **Width**: 229 (9-13/16")
- **Height**: 145 (5-11/16")
- **Depth**: 398.3 (15-11/16")

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